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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3

3

of 3

3

Application Number	09/939,252	(D)	81	60	9
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Filing Date	08/24/2001
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First Named Inventor	Paul Mansky
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Group Art Unit	1754
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Examiner Name _____

Attorney Docket Number 1012-108(2000-089)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Cosmo S. Madsen

Date _____

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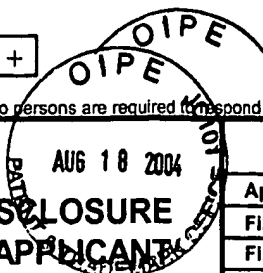
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Substitute for form 1449A/PTO		AUG 18 2004		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number 09/939,252 10/8/01/619	
(use as many sheets as necessary)				Filing Date 08/24/2001	
Sheet 1 of 1				First Named Inventor Paul Mansky	
				Group Art Unit 1754	
				Examiner Name	
				Attorney Docket Number 1012-108(2000-089)	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
CSP		5,776,359		Schultz et al.	07/07/1998	
		5,959,297		Weinberg et al.	09/28/1999	
		5,985,356		Schultz et al.	11/16/1999	
		6,004,617		Schultz et al.	12/21/1999	
		6,013,199		McFarland et al.	01/11/2000	
		6,030,917		Weinberg et al.	02/29/2000	
		6,034,775		McFarland et al.	03/07/2000	
		6,034,240		La Pointe	03/07/2000	
		6,043,363		LaPointe et al.	03/28/2000	
		6,045,671		Wu et al.	04/04/2000	
		6,087,181		Cong	07/11/2000	
		6,124,476		Guram et al.	09/26/2000	
		6,151,123		Nielsen	11/21/2000	
		6,149,882		Guan et al.	11/21/2000	
		6,157,449		Hajduk	12/05/2000	
		6,175,409 B1		Nielsen et al.	01/16/2001	
		6,177,528 B1		LaPointe et al.	01/23/2001	
		6,182,499 B1		McFarland et al.	02/06/2001	
		6,187,164 B1		Warren et al.	02/13/2001	
	W		6,203,726 B1		Danielson et al.	03/20/2001

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
CSP			WO 00/67086		Symyx Technologies, Inc.	11/09/2000		
			*WO 96/11878		Reg. of the Univ. of California	04/25/1996		
			WO 0036410		Symyx Technologies, Inc.	06/22/2000		
			WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
			*WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
			*WO 00/17413		Symyx Technologies, Inc.	03/30/2000		
			WO 00/23921		Symyx Technologies, Inc.	04/27/2000		

Examiner Signature <i>Cary D. [Signature]</i>	Date Considered 12/13/04
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Sheet 1 of 1

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Application Number	09/939,252 10/81/619
Filing Date	08/24/2001
First Named Inventor	Paul Mansky
Group Art Unit	1754
Examiner Name	
Attorney Docket Number	1012-108(2000-089)

U.S. PATENT DOCUMENTS

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		Number	Kind Code ² (if known)			
CDM		6,242,623 B1		Boussie et al.	06/05/2001	
		6,225,487 B1		Guram	05/01/2001	
		6,225,550 B1		Hornbostel et al.	05/01/2001	
		6,248,540 B1		Weinberg et al.	06/19/2001	
		6,260,407 B1		Petro et al.	07/17/2001	
		6,265,601 B1		Guram et al.	07/24/2001	
		6,265,226 B1		Petro et al.	07/24/2001	
		6,268,513 B1		Guram et al.	07/31/2001	
		6,294,388 B1		Petro	09/25/2001	
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		6,092,414		Newman	07/25/2000	
		6,050,138		Lynch et al.	04/18/2000	
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		6,033,913		Morozov et al.	03/07/2000	
		6,010,616		Lewis et al.	01/04/2000	
		5,999,887		Giannakopoulos et al.	12/07/1999	
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		5,892,157		Syre	04/06/1999	
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W		5,847,283		Finot et al.	12/08/1998	

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Greg S. Marshall

Date
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12/13/04

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09/939,252 1D/81/6/9

08/24/2001

Paul Manksy

1754

1012-108(2000-089)

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
dkm		5,817,947		Bergerus	10/06/1998	
		5,723,792		Miyazaki	03/03/1998	
		5,532,942		Kitamura et al.	07/02/1996	
		5,520,042		Garritano et al.	05/28/1996	
		5,517,860		Lin et al.	05/21/1996	
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		5,438,863		Johnson	08/08/1995	
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		4,975,320		Goldstein et al.	12/04/1990	
		6,043,317		Mumick et al.	03/28/2000	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

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Application Number 09/939,252 12/8/16/9

Filing Date 08/24/2001

First Named Inventor Mansky

Art Unit 2855

Examiner Name Mack

Attorney Docket Number 1012-108

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CSP		US- 02/0194930	12/26/2002	Crosby et al.	
		US-			
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Application Number	09/939,252			
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First Named Inventor	Paul Mansky			
Group Art Unit	1754			
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Sheet 1 of 3

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		Number	Kind Code ² (if known)			
C.S.M.		1,870,412		Kennedy	08/09/1932	
		3,071,961		Heigl et al.	01/08/1963	
		3,675,475		Weinstein	07/11/1972	
		3,713,328		Aritomi	01/30/1973	
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		3,908,441		Virloget	09/30/1975	
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		4,229,979		Greenwood	10/28/1980	
		4,447,125		Lazay et al.	05/08/1984	
		4,517,830		Gunn, deceased et al.	05/21/1985	
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		4,602,501		Hirata	07/29/1986	
V		4,680,958		Ruelle et al.	07/21/1987	
		4,685,328		Huebner et al.	08/11/1987	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
CSM ↑ V			JP402297040A		Akaha Toru	12/07/1990		
			WO 96/11878		The Reg. of the Univ. of Calif.	04/25/1996		
			WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
			WO 00/17413		Symyx Technologies	03/30/2000		
			WO 01/79949 A2		Symyx Technologies, Inc.	10/25/2001		
			WO 98/15501		Symyx Technologies, Inc.	04/16/1998		
			WO 99/18431		Symyx Technologies, Inc.	04/15/1999		
			EP 0 317 356 A2		Chichibu Cement Kabushiki	05/24/1989		

Examiner Signature	Date Considered 12/13/04
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<p>Substitute for form 1449B/PTO</p> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>		<p style="text-align: center;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 40%;">Application Number</td><td>09/939,252 10/8/01</td></tr><tr><td>Filing Date</td><td>08/24/2001</td></tr><tr><td>First Named Inventor</td><td>Paul Manksy</td></tr><tr><td>Group Art Unit</td><td>1754</td></tr><tr><td>Examiner Name</td><td></td></tr><tr><td>Attorney Docket Number</td><td>1012-108(2000-089)</td></tr></table>		Application Number	09/939,252 10/8/01	Filing Date	08/24/2001	First Named Inventor	Paul Manksy	Group Art Unit	1754	Examiner Name		Attorney Docket Number	1012-108(2000-089)
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Attorney Docket Number	1012-108(2000-089)														
Sheet	1	of	0												

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
DM		*U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
		*U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
		*U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
		*U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	
		*The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
		*The family of applications for U.S. Application Serial No. 09/211,982 entitled "Parallel Reactor With Internal Sensing" (Turner et al.) filed December 14, 1998	
		*U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
		*U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999	
		The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giaquinta et al.) filed September 18, 1998	
		*The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
		U.S. Application Serial No. 09/579,338 entitled "Rheo-Optical Indexer and Method of Screening and Characterizing Arrays of Materials" (Carlson et al.) filed on May 25, 2000	

Examiner Signature		Date Considered	12/13/04
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete If Known	
Application Number	09/939,252	Filing Date	08/24/2001
First Named Inventor	Paul Manksy	Group Art Unit	1754
Examiner Name		Attorney Docket Number	1012-108(2000-089)
Sheet	1	of	0

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CSM		*ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
		YOUNG, W.C., Roark's Formulas for Stress and Stain, 1989	
		*TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	
		OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systmes, Vol. 6, No. 2, June 1997	
		KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228.	
		GROVER, G. et al., "A Screening Technique for Fabric Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494.	
		PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992).	
		"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA.	
		RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric Hand" Textile Research Journal 62, 1, pp. 31-38 (1991).	
		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).	

Examiner Signature		Date Considered	12/13/04
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		Application Number	09/939,252 10/811619
		Filing Date	08/24/2001
		First Named Inventor	Paul Manksy
		Group Art Unit	1754
		Examiner Name	
Sheet 1	of 0	Attorney Docket Number	1012-108(2000-089)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CSM		U.S. Patent Application Serial No. 09/939,404 entitled "High Throughput Mechanical Property and Bulge Testing of Material Libraries," (D. Hajduk et al.) filed on August 24, 2001.	
CSM		U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,149 entitled "High Throughput Rheological Testing of Materials," (P. Manksy et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/939,263 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using Capacitance," (D. Hajduk et al.) filed on August 24, 2001.	
		U.S. Patent Application Serial No. 09/938,994 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric," (D. Hajduk) filed on August 24, 2001.	
		The family of applications for U.S. Patent Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same," (Carlson, et al.) filed on May 26, 2000	
		*The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
		U.S. Application Serial No. 09/801,165 entitled "Method and Apparatus for Characterizing Materials By Using a Mechanical Resonator" filed March 7, 2001	
		U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000	
		*PCT Application No. PCT/US01/11417 entitled "Automated Process Control And Data Management System And Methods", filed 4/6/2001	

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Application Number	09/939,252		10/8/01
Filing Date	08/24/2001		
First Named Inventor	Paul Mansky		
Group Art. Unit	1754		
Examiner Name			
Attorney Docket Number	1012-108(2000-089)		

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
csm		U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
		U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
		U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	
		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
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		U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999	
		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
		The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
		ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
V		TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	

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	Application Number	09/939,252	12/81/69
	Filing Date	08/24/2001	
	First Named Inventor	Paul Mansky	
	Group Art Unit	1754	
	Examiner Name		
Sheet	1	of	0
	Attorney Docket Number	1012-108(2000-089)	

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ckm		"DMA 2980 Dynamic Mechanical Analyer," http://www.tainst.com/dma2.html , 12/29/00	
		"Introducing the NEW DMTA V!", http://www.rheometricsscintific.com/dmtaV.htm , 12/29/00	
		"Standard Test Method for Rubber Property-Intrenational Hardness," American Society for Testing and Materials	
		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668	
		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
		European Search Report dated December 10, 2001	
V		H.K. Chuang, C. Chiu and R. Paniagua, Avery Dennison, Pasadena, Calif. "Avery Adhesive Test Yields More Performance Data Than Traditional Probe" Adhesives Age September 1997	

Examiner Signature <i>Craig S. Mac</i>	Date Considered 12/13/04
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